

PI 525457 to 525458-continued

PI 525457 donor id: 81B6078. origin: United States. cultivar: GIRARD. pedigree: Cargill 1653/Sidney Selection 87-42-3//Sidney Selection 88-74-2/Boswell 671///S-541. other id: CV-14. group: CSR-SAFFLOWER. remarks: Plants spiny with spines on leaf tips, leaf margins, and involucre bracts. Maturity 120 days. Flowers yellow, orange when dried. Seeds with grey-stripe hull. Test weight 30.6kg/ hl. Seed yield 3,033 kg/ha. Oil percentage 42.4. Iodine number 147. Linoleic acid content 82%. disease resistance: Alternaria leaf spot, Pseudomonas bacterial blight. Sclerotinia head rot. Cultivar. Seed.

PI 525458 origin: United States. cultivar: FINCH. pedigree: Rio//Royal/Sidney Selection 87-42-3. other id: CV-15. group: CSR-SAFFLOWER. remarks: Plants spiny with spines on leaf tips, leaf margins, and involucre bracts. Flowers yellow. Height about 51.3cm under dryland conditions. Seeds with white normal hull (95%). Birdseed type. Sclerenchyma reduction variable, (appears blotchy) mostly under high moisture conditions. Test weight high 32.9kg/ha. Oil content 41.3%. Iodine number 147. Linoleic acid content 80%. disease resistance: Alternaria leaf spot, Pseudomonas bacterial blight. Intermediate for Sclerotinia head rot, some to head rot. Cultivar. Seed.

PI 525459. *Lolium perenne* L. POACEAE Perennial ryegrass

Donated by: Meyer, W.A., Pure-Seed Testing, Inc., P.O. Box 449, Hubbard, Oregon, United States. remarks: Cooperative efforts of Pure-Seed Testing, Seed Research of Oregon, Inc., and the New Jersey Agricultural Experiment Station. Received October 14, 1988.

origin: United States. cultivar: SR-4000. pedigree: Selection from maternal progenies of 11 clones. other id: CV-115. group: CSR-OTHER GRASSES. remarks: Plants attractive, leafy, persistent, turf type, with medium fine texture, medium high density, and bright, dark green color. Produces moderately low-growing turf with improved mowing qualities, good winterhardiness, very good summer performance and excellent wear tolerance. Seedling vigor good. disease resistance: Good to most present races of crown rust, stem rust. Winter net blotch & large brown patch disease. insect resistance: Enhanced to billbugs, many lepidopterous sp. of sod webworms. Cultivar. Seed.